

What is claimed is:

1. An optical glass having optical constants of a refractive index (n_d) within a range from 1.75 to 1.85 and an Abbe number (ν_d) within a range from 35 to 45 and comprising, said optical glass being free of Yb_2O_3 , Y_2O_3 and TeO_2 , in mass % on the basis of the oxides:

$\text{SiO}_2 + \text{B}_2\text{O}_3$	16.5 – less than 30%
in which SiO_2	1 – 7.5%
B_2O_3	15.5 – 25%
La_2O_3	25 – 40%
ZrO_2	1.5 – 10%
Nb_2O_5	1 – 15%
Ta_2O_5	1 – 10%
WO_3	1 – 10%
ZnO	15.5 – 30%
Li_2O	0.6 – 5%.
Sb_2O_3	0 – 1%

said optical glass having a transition point (T_g) within a range from 500°C to 590°C and a yield point (A_t) within a range from 530°C to 630°C, and being free from devitrification in a devitrification test conducted under a condition of 950°C/2 hours.

2. An optical glass having optical constants of a refractive index (n_d) within a range from 1.75 to 1.85 and an Abbe number (ν_d) within a range from 35 to 45 and comprising, said optical glass being free of Yb_2O_3 , Y_2O_3 and TeO_2 , in mass % on the basis of the oxides:

$\text{SiO}_2 + \text{B}_2\text{O}_3$	16.5 – 29.5%
in which SiO_2	1 – less than 6%
B_2O_3	15.5 – 25%
La_2O_3	25 – 40%

ZrO ₂	2 – 6.5%
Nb ₂ O ₅	3 – 12%
Ta ₂ O ₅	1 – 8%
WO ₃	more than 5% – 10%
ZnO	17 – 28%
Li ₂ O	0.6 – 3%
GeO ₂	0 – 5%
TiO ₂	0 – 5%
Al ₂ O ₃	0 – 1%
BaO	0 – 1%
Sb ₂ O ₃	0 – 1%.

3. An optical glass as defined in claim 2 having a transition point (T_g) within a range from 500°C to 590°C and a yield point (At) within a range from 530°C to 630°C, and being free from devitrification in a devitrification test conducted under a condition of 950°C/2 hours.

4. An optical glass as defined in claim 1 wherein difference in temperature At – T_g between the yield point and the transition point is 30 – 60°C.

5. An optical glass as defined in claim 2 wherein difference in temperature At – T_g between the yield point and the transition point is 30 – 60°C.

6. An optical glass as defined in claim 3 wherein difference in temperature At – T_g between the yield point and the transition point is 30 – 60°C.